

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10593209"	US-PGPUB; USPAT	ADJ	ON	2009/08/24 13:01
S2	4	"5925254"	US-PGPUB; USPAT	ADJ	ON	2009/08/24 13:24
S3	4154	429/34.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/24 13:33
S4	138	222/188.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/24 13:33
S5	827	210/660.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/24 13:33
S6	5116	S3 or S4 or S5	US-PGPUB; USPAT	ADJ	ON	2009/08/24 13:33
S7	827	210/671,679,680.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/24 13:35
S8	5887	S7 or S6	US-PGPUB; USPAT	ADJ	ON	2009/08/24 13:35
S9	36324	S8 and (liquid with (gas or vapor) near4 separat\$4) or (liquid near4 separat\$4 with (gas or vapor))	US-PGPUB; USPAT	ADJ	ON	2009/08/24 13:36
S10	480	S8 and ((liquid with (gas or vapor) near4 separat\$4) or (liquid near4 separat\$4 with (gas or vapor)))	US-PGPUB; USPAT	ADJ	ON	2009/08/24 13:37
S11	3294	S10 and perfluoroalkyl or perfluoro alkyl	US-PGPUB; USPAT	ADJ	ON	2009/08/24 13:37
S12	4	S10 and (perfluoroalkyl or perfluoro alkyl)	US-PGPUB; USPAT	ADJ	ON	2009/08/24 13:37

S13	1	S12 and oleophobic	US-PGPUB; USPAT	ADJ	ON	2009/08/24 13:37
S14	19	((THOMAS) near2 (SCHIESTEL)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/08/24 13:46
S15	82	S10 and (perfluoro\$6)	US-PGPUB; USPAT	ADJ	ON	2009/08/24 13:51
S16	13	S10 and (perfluoro\$6) and (paint\$5)	US-PGPUB; USPAT	ADJ	ON	2009/08/24 13:52
S17	1	S15 and silaniz\$5	US-PGPUB; USPAT	ADJ	ON	2009/08/24 13:53
S18	1	S15 and plasma coat\$4	US-PGPUB; USPAT	ADJ	ON	2009/08/24 13:53
S20	21	S10 and (perfluoro\$6) and fluorocarbon	US-PGPUB; USPAT	ADJ	ON	2009/08/24 15:00
S21	97	S10 and ((perfluoro\$6) or fluorocarbon)	US-PGPUB; USPAT	ADJ	ON	2009/08/24 15:01
S22	9	S8 and ((liquid with (gas or vapor) near4 separat \$4) or (liquid near4 separat\$4 with (gas or vapor))) same (perfluoro \$6 or fluorocarbon)	US-PGPUB; USPAT	ADJ	ON	2009/08/24 15:09
S23	4	"429".clas. and ((liquid with (gas or vapor) near4 separat\$4) or (liquid near4 separat\$4 with (gas or vapor))) same (layer or membrane or surface or film or coating or coated or layered) with (perfluoro\$6 or fluorocarbon)	US-PGPUB; USPAT	ADJ	ON	2009/08/24 15:35
S24	138	222/188.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/25 11:31
S25	827	210/660.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/25 11:31

S26	50655	"429".clas. or S24 or S25	US-PGPUB; USPAT	ADJ	ON	2009/08/25 11:31
S27	0	"429".clas. and ((liquid with (gas or vapor) near4 separat\$4) or (liquid near4 separat\$4 with (gas or vapor))) and (adsorb with (vapor or gas) same (layer or membrane or surface or film or coating or coated or layered) with (perfluoro\$6 or fluorocarbon))	US-PGPUB; USPAT	ADJ	ON	2009/08/25 11:31
S28	1	S26 and ((liquid with (gas or vapor) near4 separat\$4) or (liquid near4 separat\$4 with (gas or vapor))) and (adsorb\$5 with (vapor or gas) same (layer or membrane or surface or film or coating or coated or layered) with (perfluoro\$6 or fluorocarbon))	US-PGPUB; USPAT	ADJ	ON	2009/08/25 11:32
S29	4	S26 and (adsorb\$5 with (vapor or gas) same (layer or membrane or surface or film or coating or coated or layered) with (perfluoro\$6 or fluorocarbon))	US-PGPUB; USPAT	ADJ	ON	2009/08/25 11:32
S30	4	S26 and ((adsorb\$5 or adsorp\$5) with (vapor or gas) same (layer or membrane or surface or film or coating or coated or layered) with (perfluoro\$6 or fluorocarbon))	US-PGPUB; USPAT	ADJ	ON	2009/08/25 11:33
S31	4	S26 and ((adsorb\$5 or adsorp\$5) with (vapor or gas or fuel or exhaust) same (layer or membrane or surface or film or coating or coated or layered) with (perfluoro\$6 or fluorocarbon))	US-PGPUB; USPAT	ADJ	ON	2009/08/25 11:34

S32	24	S26 and ((adsorb\$5 or adsorp\$5 or absorb\$5 or absorp\$5) with (vapor or gas or fuel or exhaust) same (layer or membrane or surface or film or coating or coated or layered) with (perfluoro\$6 or fluorocarbon))	US-PGPUB; USPAT	ADJ	ON	2009/08/25 11:35
S33	20	S32 not S31	US-PGPUB; USPAT	ADJ	ON	2009/08/25 11:36
S34	4	"5925254"	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:07
S35	48	"4720400"	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:08
S36	7	"5126780"	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:08
S37	65	"5156780"	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:08
S38	2	"5264012"	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:09
S39	4	"5925254"	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:09
S40	60	"5288304"	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:09
S41	138	222/188.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:23
S42	827	210/660.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:23
S43	50655	"429".clas. or S41 or S42	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:23

S44	59	S43 and ((adsorb\$5 or adsorp\$5 or absorb\$5 or absorp\$5) with (vapor or gas or fuel or exhaust) same (layer or membrane or surface or film or coating or coated or layered) with oleophob\$4) same metal\$4 or ceramic	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:23
S45	1	S43 and ((adsorb\$5 or adsorp\$5 or absorb\$5 or absorp\$5) with (vapor or gas or fuel or exhaust) same (layer or membrane or surface or film or coating or coated or layered) with oleophob\$4) same (metal\$4 or ceramic)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:23
S46	2	S43 and (layer or membrane or surface or film or coating or coated or layered) same (oleophob\$4) same (metal\$4 or ceramic) same (oil repell\$4 or oleophob\$4 or gas separat\$4)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:24
S47	100	S43 and (layer or membrane or surface or film or coating or coated or layered) with (metal\$4 or ceramic) same (oil repell\$4 or oleophob\$4 or gas separat\$4)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:25
S48	0	S43 and (layer or membrane or surface or film or coating or coated or layered) with (metal\$4 or ceramic) with3 (oil repell\$4 or oleophob\$4 or gas separat\$4)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:25
S49	61	S43 and (layer or membrane or surface or film or coating or coated or layered) with (metal\$4 or ceramic) with (oil repell\$4 or oleophob\$4 or gas separat\$4)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:26

S50	0	S43 and (layer or membrane or surface or film or coating or coated or layered) with (metal\$4 or ceramic) with (oil repell\$4 or oleophob\$4 or gas separat\$4) same2 (perfluoro\$6 or fluorocarbon)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:29
S51	0	S43 and (layer or membrane or surface or film or coating or coated or layered) with (metal\$4 or ceramic) same (oil repell\$4 or oleophob\$4 or gas separat\$4) same2 (perfluoro\$6 or fluorocarbon)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:30
S52	10	S43 and (layer or membrane or surface or film or coating or coated or layered) with (metal\$4 or ceramic) with (oil repell\$4 or oleophob\$4 or gas separat\$4) and (perfluoro\$6 or fluorocarbon)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:30
S53	10	(US-20070190386-\$ or US-20080176056-\$ or US-20030124408-\$ or US-20050100773-\$ or US-20090169933-\$).did. or (US-5925254-\$ or US-4720400-\$ or US-5156780-\$ or US-5264012-\$ or US-5288304-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:33
S54	8	S53 and (metal\$4 or ceramic)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:33
S55	1	"429".clas. and fuel adsorber	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:40
S56	33	"429".clas. and fuel adsorb\$4	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:40
S57	1	S43 and adsorb\$4 near4 fuel with (oleophob\$5)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:42

S58	6	S43 and adsorb\$4 near4 fuel with ((layer or membrane or surface or film or coating or coated or layered) with (metal\$4 or ceramic))	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:42
S59	0	LS10 and ((perfluoro\$6) or fluorocarbon) with adsorb\$5	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:44
S60	18	S43 and ((perfluoro\$6) or fluorocarbon) with adsorb\$5	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:44
S61	371	((perfluoro\$6) or fluorocarbon) with oleophob\$5	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:47
S62	0	((perfluoro\$6) or fluorocarbon) with oleophob\$5 same gas liquid separat\$5	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:47
S63	5	((perfluoro\$6) or fluorocarbon) with oleophob\$5 and fuel cell	US-PGPUB; USPAT	ADJ	ON	2009/08/26 09:47
S64	52	"429".clas. and ((liquid with (gas or vapor) near4 separat\$4) or (liquid near4 separat\$4 with (gas or vapor))) same (metal\$5 or ceramic) with (layer or membrane or surface or film or coating or coated or layered)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 10:32
S65	55	S43 and ((liquid with (gas or vapor) near4 separat\$4) or (liquid near4 separat\$4 with (gas or vapor))) same (metal\$5 or ceramic) with (layer or membrane or surface or film or coating or coated or layered)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 10:32

S66	57	S43 and ((liquid with (gas or vapor) near4 separat\$4) or (liquid near4 separat\$4 with (gas or vapor))) same (metal\$5 or ceramic) with (layer or membrane or surface or film or coating or coated or layered or support)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 11:55
S67	2	S66 not S65	US-PGPUB; USPAT	ADJ	ON	2009/08/26 11:57
S68	108	fuel cell and ((liquid with (gas or vapor) near4 separat\$4) or (liquid near4 separat\$4 with (gas or vapor))) same (metal\$5 or ceramic) with (layer or membrane or surface or film or coating or coated or layered or support)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 12:06
S69	54	"429".clas. and ((liquid with (gas or vapor) near4 separat\$4) or (liquid near4 separat\$4 with (gas or vapor))) same (metal\$5 or ceramic) with (layer or membrane or surface or film or coating or coated or layered or support)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 13:03
S70	30	"429".clas. and fuel tank with gas liquid separator	US-PGPUB; USPAT	ADJ	ON	2009/08/26 13:04
S71	1	"429".clas. and fuel tank with gas liquid separator and gas liquid separator with (ceramic or metal \$5)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 13:04
S72	21	"429".clas. and oleophobic	US-PGPUB; USPAT	ADJ	ON	2009/08/26 13:11
S73	17	"429".clas. and gas liquid separat\$5 same adsorb \$4	US-PGPUB; USPAT	ADJ	ON	2009/08/26 13:15

S74	5	"429".clas. and gas liquid separat\$5 with (membrane or film or layer or surface or coating or coated or layered) with (metal\$4 or ceramic)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 13:19
S75	10	"429".clas. and gas liquid separat\$5 with (membrane or film or layer or surface or coating or coated or layered or support) same (membrane or film or layer or surface or coating or coated or layered or support) with (metal\$4 or ceramic)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 13:24
S76	47	"429".clas. and gas liquid separat\$5 with (membrane or film or layer or surface or coating or coated or layered or support) same2 (membrane or film or layer or surface or coating or coated or layered or support) with (metal\$4 or ceramic)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 13:24
S77	227	"429".clas. and gas liquid separat\$5 with (membrane or film or layer or surface or coating or coated or layered or support or supported or treated)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 13:41
S78	225	429/12-46.ccls. and gas liquid separat\$5 with (membrane or film or layer or surface or coating or coated or layered or support or supported or treated)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 13:42

S79	8	429/12-46.ccls. and gas liquid separat\$5 with (membrane or film or layer or surface or coating or coated or layered or support or supported or treated) and gas liquid separat\$5 with (perfluoro\$ or fluoro\$7)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 13:42
S80	1	429/12-46.ccls. and gas liquid separat\$5 with (vent\$5) and gas liquid separat\$5 with (perfluoro\$ or fluoro\$7)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 13:49
S81	9	429/12-46.ccls. and gas liquid separat\$5 with (perfluoro\$ or fluoro\$7)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 13:51
S82	34	gas liquid separat\$5 with (perfluoro\$ or fluoro\$7)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 13:52
S83	25	S82 not S81	US-PGPUB; USPAT	ADJ	ON	2009/08/26 13:53
S84	4	S43 and ((liquid with (gas or vapor) near4 separat\$4) or (liquid near4 separat\$4 with (gas or vapor))) same (metal\$5 or ceramic) with (substrate)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 13:55
S85	3	"429".clas. and ((liquid with (gas or vapor) near4 separat\$4) or (liquid near4 separat\$4 with (gas or vapor))) same (metal\$5 or ceramic or alloy) with (substrate)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 13:57
S86	2	"429".clas. and ((liquid with (gas or vapor) near4 separat\$4) or (liquid near4 separat\$4 with (gas or vapor))) same (perfluoro\$ or fluoro\$7) with (substrate)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 13:59

S87	2	"429".clas. and (gas liquid separat\$5) with substrate and (perfluoro\$ or fluoro\$7) with (substrate)	US-PGPUB; USPAT	ADJ	ON	2009/08/26 14:00
S88	6	"429".clas. and (gas liquid separat\$5) with substrate and (metal or ceramic or alloy or glass) with substrate	US-PGPUB; USPAT	ADJ	ON	2009/08/26 14:01

EAST Search History (Interference)

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